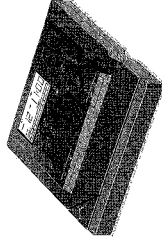


Service Service Service



Service Manual

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COMPACT
disc
DIGITAL AUDIO

⚠ Varning !

Ösnylig laserstrålning när denna del är öppnad och spårren är utkopplad. Beträdda ej strålen.

⚠ Advarsel !

Ösnylig laserstrålning ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

⚠ Varoitus !

Laite sisältää laserdiodin, joka lähettää näkymätöntä silmille vaarallista laser säteilyä.

CLASS 1

LASER PRODUCT

"Pour votre sécurité, une étiquette de classe 1 est apposée sur cet appareil. Elle indique la puissance du laser et la classe de l'appareil." "Voto appareil es classe 1."



PHILIPS

SPECIFICATION

GENERAL:

Accu-package : SBC 6408
Type : 4 V nom.
Output voltage : 1.75 hours
Lifetime

CD-PART:

Frequency response : 20 - 20 000 Hz within 1dB
Output level : 1.2 Vrms within 2dB
S/N ratio : 80 dB min.
THD : 0.2 % max. at 1 kHz
Channel difference : 2 dB max.
Channel crosstalk : -50 dB max. at 1 kHz
Deemphasis : 0 or 15/50 μ s switched autom.
by subcode on the disc
DAC : 1 bit "BITSTREAM"

⚠ WARNING

All ICs and many other semiconductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.
When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools at this potential.

ESD

⚠ WAARSCHUWING

Alle IC's en vele andere halfgeleiders zijn gevoelig voor electrostatische ontladingen (ESD). Onzorgvuldig behandelen tijdens reparatie kan de levensduur drastisch doen verminderen. Zorg ervoor dat u tijdens reparatie via een polsband met weerstand verbonden bent met het apparaat.
Houd componenten en hulpmiddelen ook op ditzelfde potentiaal.

⚠ ATTENTION

Tous les IC et beaucoup d'autres semi-conducteurs sont sensibles aux décharges statiques (ESD). Leur longévité pourrait être considérablement écourtée par le fait qu'aucune précaution n'est prise à leur manipulation.
Lors de réparations, s'assurer de bien être relié au même potentiel que la masse de l'appareil et enfiler le bracelet sert d'une résistance de sécurité.
Veiller à ce que les composants ainsi que les outils que l'on utilise soient également à ce potentiel.

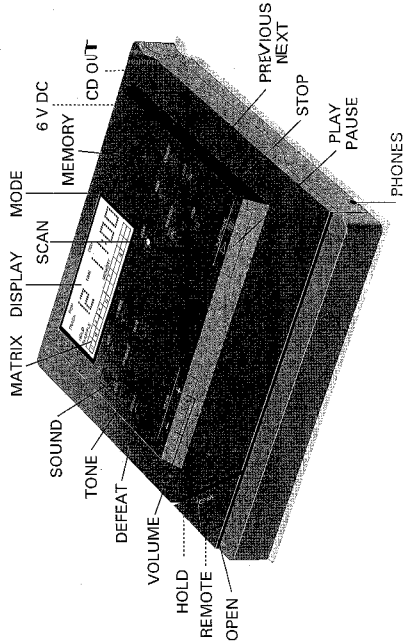
⚠ WARNING

Alle IC's en vele andere Halbleiter sind empfindlich gegenüber elektrostatischen Entladungen (ESD). Unvorsichtige Behandlung im Reparaturfall kann die Lebensdauer drastisch reduzieren. Sorgen Sie dafür, daß sie im Reparaturfall über ein Pulsarmband mit Widerstand mit dem Massepotential des Gerätes verbunden sind.
Halten Sie Bauteile und Hilfsmittel ebenfalls auf diesem Potential.

⚠ AVVERTIMENTO

Tutti IC e parecchi semi-conduttori sono sensibili alle scariche statiche (ESD). La loro longevità potrebbe essere fortemente ridotta in caso di non osservazione della più grande cauzione alla loro manipolazione. Durante le riparazioni occorre quindi essere collegati allo stesso potenziale che quello della massa dell'apparecchio tramite un braccialetto a resistenza.
Assicurarsi che i componenti e anche gli utensili con quali si lavora siano anche a questo potenziale.

SHUT OFF FUNCTIONS, CONNECTIONS



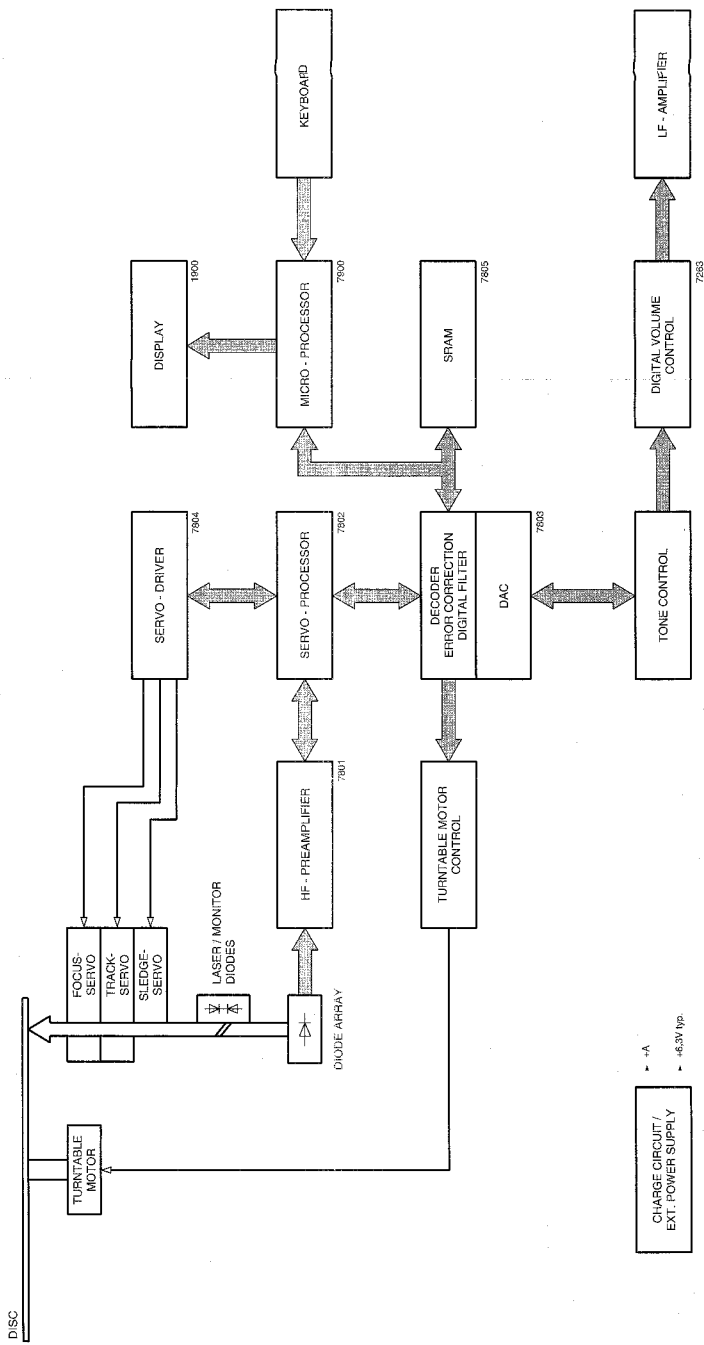
OPERATION	CONDITION	ACTION
CLOSE DOOR	POWER OFF	Power on - Start up - Read TOC - STOP - Update display/information (Matrix, max. tracks on disc, length of CD)
OPEN DOOR	POWER ON/OFF	Power off - Clear display - Clear TOC - Clear program memory - Clear modes
Switch HOLD ON	POWER ON	All keys are ignored, flag hold is shown on the display. The set works normally with the wired- or the IR-remote control.
SHUT OFF	STOP	The set shuts off after approx. 30s after the last physical action. All parameters (program, volume, sound/features) are memorized.
BATTERY WEAK	POWER ON	Battery empty indication is flashing
	POWER OFF	The set doesn't start up if PLAY is pressed. Flag battery empty is shown for 500ms.
BATTERY EMPTY	POWER ON	The set is switched off

CONNECTION	
6 V DC	Socket for the mains adaptor / battery charger: SBC 6608
PHONES	Headphone output
CD-OUT	Linear output for hi-fi-systems
REMOTE	Socket for the optional IR-remote control set SBC 6209 or the wired remote control SBC 6203

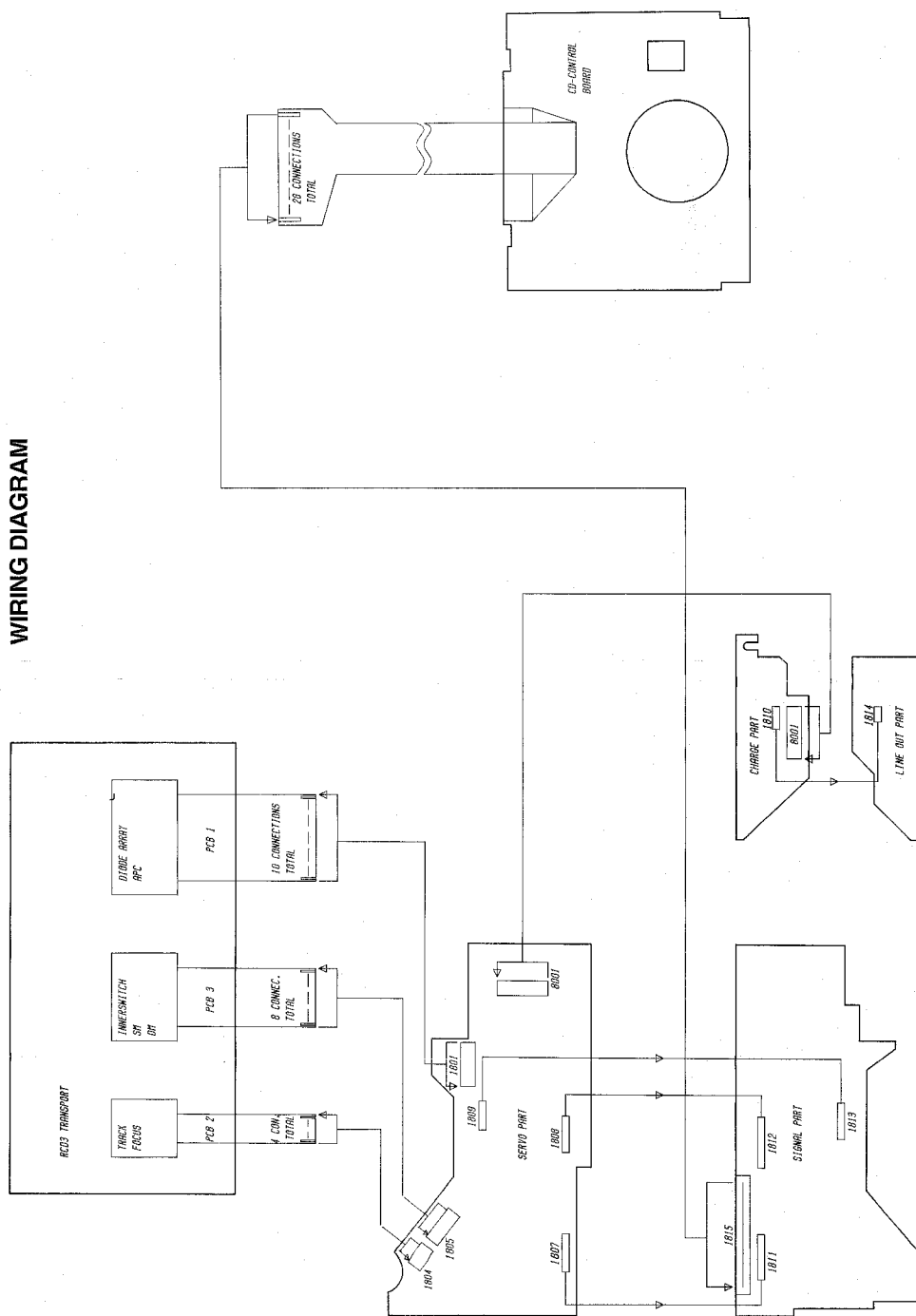
CONTROLS

KEY	CONDITION	ACTION
PLAY	POWER ON/OFF	Starts playing the 1st track, preselected track or 1st programmed track. The available tracks are shown on the matrix, the actual track is flashing.
	PLAY	Toggles between PLAY and PAUSE.
	STOP/TRACK STORED	The programmed tracknumbers are shown on the matrix. After starting up by pressing PLAY the actual tracknumber is flashing. An already played tracknumber will be cleared from the display.
	SCAN	Leaves the SCAN-mode and continues normal play.
STOP	STOP/SHUFFLE	All existing (or programmed) tracknumbers are shown on the matrix. The set starts the first random track. An already played tracknumber will be cleared from the matrix.
	PLAY	The set goes into STOP-mode, the display shows the TOC-informations.
	STOP	Clears the program-memory. "C" is shown on the display for 500ms.
	STOP	Tracknumber for playback can be selected. The selected track is flashing, all lower tracknumbers than the selected one are cleared from the matrix.
NEXT	PLAY	Skips forward to the next track.
	PLAY/MEMORY	Skips forward to the next stored track.
	PLAY/SHUFFLE	Skips forward to the next random-track. After reaching the last random-title a new sequence will be generated, the "shuffle-snake" is shown on the track-indication and all tracknumbers are flashing.
	PROGRAMMING	Skips forward to the next program-track.
PREV	KEY DEPRESSED FOR MORE THAN 1s.	Fast forward till the key is released, high speed after 6s (except SCAN-mode).
	STOP	Similar as NEXT, but opposite direction.
	PLAY	Skips backward to the previous track.
	PLAY/MEMORY	Skips backward to the previous stored track.
	PLAY/SHUFFLE	Skips backward to the previous random-track. After reaching the first shuffled title a new shuffle sequence will be started.
	PROGRAMMING	Skips forward to the previous program-track.
	KEY DEPRESSED FOR MORE THAN 1s.	Fast backward till the key is released, high speed after 6s (except SCAN-mode).
	PLAY/STOP	Scan starts from the first or selected track. The first 10s of the available tracknumbers will be audible.
PROGRAM	PLAY/STOP	PROGRAM-mode is activated. Tracks can be selected using NEXT/PREV. Pressing PROGRAM again will store the selected tracknumber - "P" is shown on the display. A maximum of 32 tracks can be stored. If the memory has been filled up "FULL" is shown on the display. To leave the PROGRAM-mode release the keys for approx. 3s.
	REVIEW	REVIEW is activated if the PROGRAM button is depressed for more than 1s. The programmed titles will be shown on the matrix.
	PLAY/STOP	Scrolls the functions REPEAT - REPEAT ALL - SHUFFLE - SHUFFLE REPEAT. The selected operation takes place when the current title has been changed.
	PLAY/STOP	Volume up (16 steps).
VOL +	PLAY/STOP	Volume down (16 steps).
VOL -	PLAY/STOP	Soundfeatures
JAZZ, POP, CLASSIC	PLAY/STOP	This soundfeatures can be added individually.
AMB, DBS, MUTE	PLAY/STOP	Clears all soundfeatures.
DEF	PLAY/STOP	

BLOCKDIAGRAM



WIRING DIAGRAM



SERVICE TEST PROGRAM

- 1. PRELIMINARY SETUP**
To get into the factory test program hold the keys **PLAY** & **STOP** for 3 seconds while turning **POWER ON**. The display is as shown in fig. 1. **IMPORTANT NOTES:** The door switch is ignored by software and the door can be opened during the test procedure. This means the repair when checking the movement of the lens. The laser beam is also kept emitting continuously. Please take care of safety requirements!
- 2. SERVICE STEP 1 - SLIDE MOVEMENT**
To get into the service step 1 full preliminary setup. The position of slide-motor can be defined by holding **NEXT** resp. **PREV** depressed. At the inner and outer endpoints relatching will be audible. Stop pressing the key at this point.
To get into service step 2 press the **PLAY** button.
- 3. SERVICE STEP 2 - LENS MOVEMENT & FOCUS SEARCH**
Display is as shown in fig. 2. To check movement of the lens the focus search procedure is activated. The door switch is ignored continuously, the focus control circuit is activated. Signal 11 can be measured on pin 29 of the servo processor 7802. To check the focus search procedure insert disc and if a focus has been found the display shows fig. 3.
To get into service step 3 press the **PLAY** button, to return to service step 1 press **STOP**.
- 4. SERVICE STEP 3 - TURNABLE MOTOR**
Display is as shown in fig. 4. The turntable motor will start rotating, the focus control circuit is activated.
To get into service step 4 press the **PLAY** button, to return to service step 1 press **STOP**.

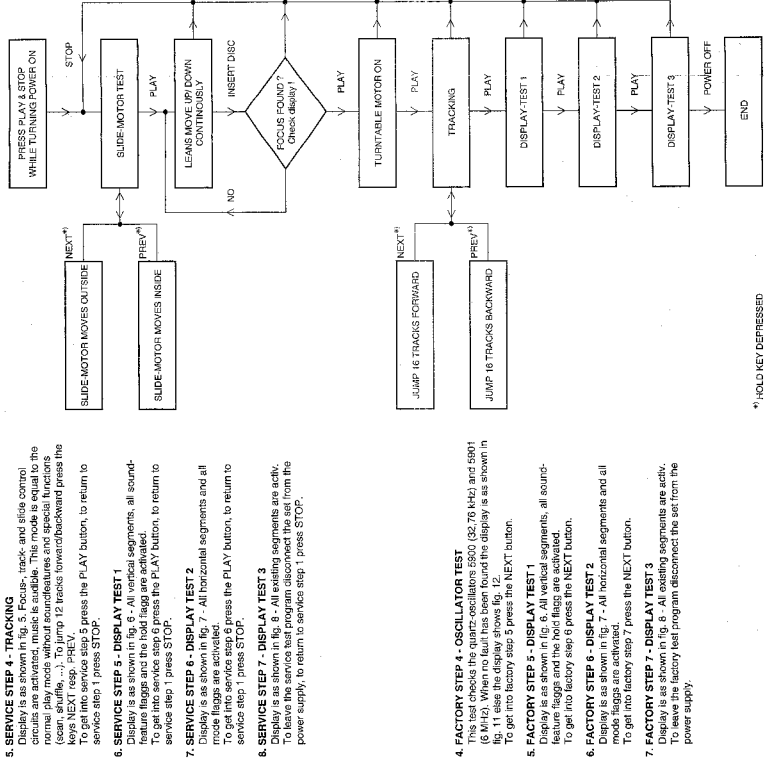
FACTORY TEST PROGRAM

- 1. PRELIMINARY SETUP**
To get into the factory test program hold the keys **JAZZ** & **POP** & **STOP** for 3 seconds while turning **POWER ON**. The display is as shown in fig. 9. **IMPORTANT NOTES:** The door switch is ignored by software and the door can be opened during the test procedure. **ATTENTION:** The laser beam is also kept emitting - Please take care of safety requirements!
- 2. FACTORY STEP 12 - PORTTEST 12**
To get into service step 12 full preliminary setup. Porttest 1 is checked by software. Display shows fig. 9. To get into porttest 2 press the **NEXT** button. Display is as shown in fig. 10. **NOTE:** These procedures require special test adaptors and are used during the production process only. Please ignore porttests and go on with factory step 3 - layout.
- 3. FACTORY STEP 3 - KEYTEST**
To get into service step 3 full preliminary setup and press the **PLAY** button. The display shows fig. 11. The door switch is ignored, the display immediately. Please press the following buttons and check their corresponding keynumbers:

JAZZ	MEAT	01	CLASSIC	03	PREV	08	STOP	13
POP	MEAT	02	CLASSIC	04	VOL+	09	(NEXT)	14
SCAN	05	VOL-	10	PLAY	15			

To get into factory step 4 press the **NEXT** button.

SERVICE TEST PROGRAM

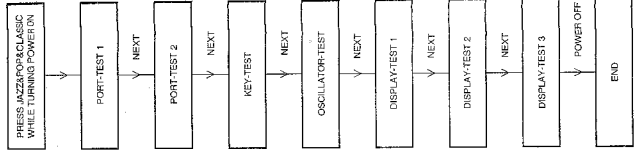


* HOLD KEY DEPRESSED

- 5. SERVICE STEP 4 - TRACKING**
To get into service step 4 full preliminary setup. All sound-circuits are activated, music is audible. This mode is equal to the normal play mode without soundfeatures and special functions (scan, shuffle, ...). To jump 12 tracks forward/backward press the **PLAY** button. To get into service step 5 press the **PLAY** button, to return to service step 1 press **STOP**.
- 6. SERVICE STEP 5 - DISPLAY TEST 1**
Display is as shown in fig. 6. All vertical segments, all sound-feature flags and the hold flags are activated.
To get into service step 6 press the **PLAY** button, to return to service step 1 press **STOP**.
- 7. SERVICE STEP 6 - DISPLAY TEST 2**
Display is as shown in fig. 7. All horizontal segments and all sound-feature flags are activated.
To get into service step 6 press the **PLAY** button, to return to service step 1 press **STOP**.
- 8. SERVICE STEP 7 - DISPLAY TEST 3**
Display is as shown in fig. 8. All existing segments are active. To leave the service test program disconnect the set from the power supply, to return to service step 1 press **STOP**.

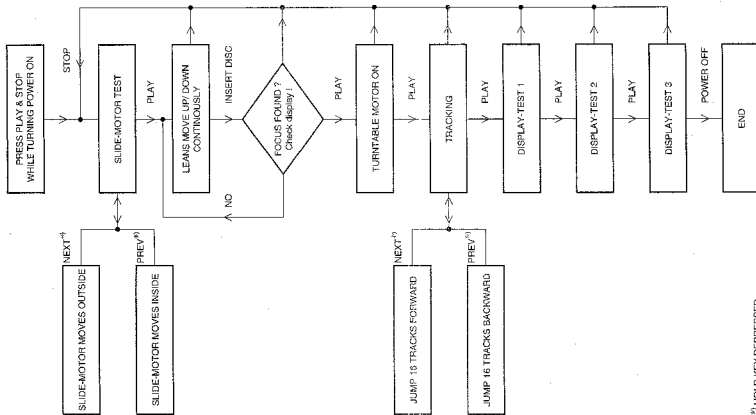
- 4. FACTORY STEP 4 - OSCILLATOR TEST**
To get into factory step 4 full preliminary setup. The display shows fig. 11. When no fault has been found the display is as shown in fig. 11 else the display shows fig. 12.
To get into factory step 5 press the **NEXT** button.
- 5. FACTORY STEP 5 - DISPLAY TEST 1**
Display is as shown in fig. 6. All vertical segments, all sound-feature flags and the hold flags are activated.
To get into factory step 6 press the **NEXT** button.
- 6. FACTORY STEP 6 - DISPLAY TEST 2**
Display is as shown in fig. 7. All horizontal segments and all sound-feature flags are activated.
To get into factory step 7 press the **NEXT** button.
- 7. FACTORY STEP 7 - DISPLAY TEST 3**
Display is as shown in fig. 8. All existing segments are active. To leave the factory test program disconnect the set from the power supply.

FACTORY TEST PROGRAM



SERVICE TEST PROGRAM

FACTORY TEST PROGRAM



OK and slide control
the
s and special functions
ward/backward press the

Y button, to return to

segments, all sound-

Y button, to return to

tail segments and all

Y button, to return to

3 segments are active,
need the set from the
press STOP.

ST
900 (22/76 KHz) and 5501
the display is as shown in
T button.

segments, all sound-

Y button.

tail segments and all

Y button.

3 segments are active,
need the set from the

⁹⁾ HOLD KEY DEPRESSED

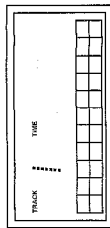


Fig. 1

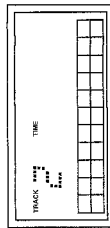


Fig. 2

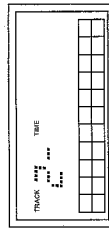


Fig. 3

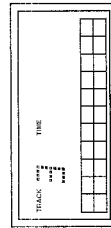


Fig. 4

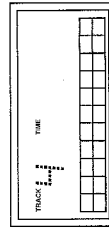


Fig. 5

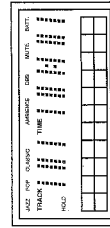


Fig. 6

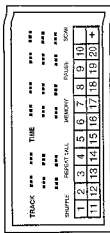


Fig. 7

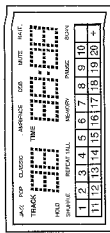


Fig. 8

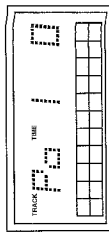


Fig. 9

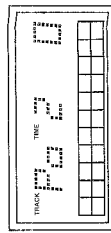


Fig. 10

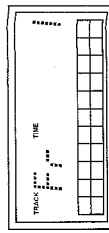


Fig. 11

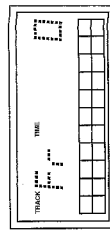










Fig. 12

CD-PART					
TRACKING OFFSET					
Service step 1			3812	Adjust to 0 V DC ± 15 mV	
TRACKING BALANCE					
Service step 3			3806		CHK = 0.5 V/DIV TB = 2 ms Adjust to 0 V DC
FOCUS GAIN					
Play with Test-Disc 5A	1500 Hz 2 Vrms	see Fig. 1	3814		CHK = 1 V/DIV CHY = 2 mV/DIV Adjust according to FIG.3
TRACKING GAIN					
Play with Test-Disc 5A	1200 Hz 1 Vrms	see Fig. 2	3808		CHK = 0.5 V/DIV CHY = 80 mV/DIV Adjust according to FIG.3

DC / DC CONVERTER					
+5V SUPPLY VOLTAGE					
Service step 1			3361		Adjust to 4.95 V DC ± 10 mV











CHARGE- CIRCUIT						
CHARGE VOLTAGE						
Service step 1				3258	RL = 220 Ω Adjust to 4.8 V DC ± 50 mV	
				Check only	RL = 33 Ω Ucharge = 5V DC ± 100 mV	

FIG. 1

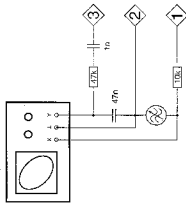


FIG. 2

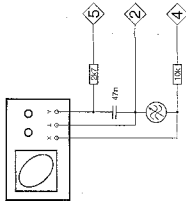
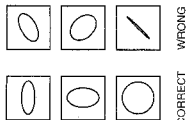


FIG. 3



ADJUSTMENT REMARKS

- **General**
 - Completely new adjustment of the coil part is absolutely necessary for the optical pickup unit (OPU) or semiconductor of the servo control circuits have been replaced.
- **Focus gain / Tracking gain**
 - To adjust the focus- and track-control circuit use the measure circuit according to fig. 1 resp. 2. Set the oscilloscope to X deflection. The screen will show an ellipse.
- **Track balance**
 - Necessary to balance the different sensibilities of the track-diodes.

SERVICE - TOOLS

- | | |
|---|----------------|
| Audio signal disc | 4522 397 30164 |
| Disc without errors (test disc 5) | 4522 397 30056 |
| Disc with one fault, black spots and scratches (test disc 5A) | 4522 397 30059 |
| 3" test disc | 4522 397 30063 |
| Test screwdriver set | 4522 397 30105 |
| Service extension PCB * | 4522 397 31332 |
- * This service tool has been designed to allow measurements between the PCBs during play and is only useful, together with the 3" test disc.

RC 5 - CODE

SYSTEM-CODES 20 AND 21 ARE RECOGNIZED (CD AND COMBI)			
KEY	COMMAND CODE	KEY	COMMAND CODE
MUTE	13	FAST BACKWARD	50
VOLUME UP	16	FAST FORWARD	52
VOLUME DOWN	17	PLAY	53
SHUFFLE	20	STOP / CLEAR PROGRAM	54
REPEAT ALL	20	AMBIENCE	64
SKIP FORWARD	32	JAZZ	67
SKIP BACKWARD	33	POP	68
STORE	41	CLASSIC	69
INTRO SCAN	43	DEB	70
PAUSE	48	DEFEAT	72

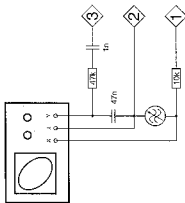


FIG. 1

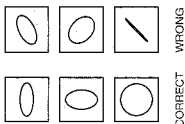


FIG. 3.

ADJUSTMENT REMARKS

- General**
- A completely new adjustment of the cd-part is absolutely necessary if the optical pickup unit (OPU) or semiconductors of the servo control circuits have been replaced.
- Focus gain / Tracking gain**
- To adjust the focus- and track-control circuit use the measure circuit according to fig. 1 resp. fig. 2. Set the oscilloscope to X-deflection. The screen will show an ellipse.

SERVICE - TOOLS

- | | |
|--|----------------|
| Audio signal disc | 4822 397 30184 |
| Disc without errors (test disc 5) + disc with drop outs, black spots and fingerprints (test disc 5A) | 4822 397 30096 |
| 3" test disc | 4822 397 30228 |
| Tone screwdriver set | 4822 396 50145 |
| Service extension PCB * | 4822 267 31332 |

* This service tool has been designed to allow measurements between the PCBs during play and is only useful together with the 3" test disc.

BC 5 - CODE

SYSTEM-CODES 20 AND 21 ARE RECOGNIZED (GD AND COMBI)			
KEY	COMMAND CODE	KEY	COMMAND CODE
MUTE	13	FAST BACKWARD	50
VOLUME UP	16	FAST FORWARD	52
VOLUME DOWN	17	PLAY	53
SHUFFLE	28	STOP / CLEAR PROGRAM	54
REPEAT ALL	29	AMBIENCE	64
SKIP FORWARD	32	JAZZ	67
SKIP BACKWARD	33	POP	68
STORE	41	CLASSIC	69
INTRO SCAN	43	DBB	70
PAUSE	48	DEFEAT	72

ABBREVIATIONS

- | | | |
|------------------|---|------------|
| A ⁻ | COM interface register clear input | PHOTODIODE |
| A ⁺ | AI clear input | AI |
| AGC ⁻ | Clock accuracy input | AGC |
| AGC ⁺ | Clock accuracy input | AGC |
| ANALOG | Analogue output left channel | ANALOG |
| ANALOG | Analogue output right channel | ANALOG |
| ANALOG | DAC sampling clock left channel | ANALOG |
| ANALOG | DAC sampling clock right channel | ANALOG |
| ANALOG | Bit clock input | ANALOG |
| ANALOG | Compass reference voltage (VCC2) at single | ANALOG |
| ANALOG | Connects the external capacitance for time | ANALOG |
| ANALOG | Constant of focus search | ANALOG |
| ANALOG | 1/2 divider input with internal feedback resistor | ANALOG |
| ANALOG | Clock 8.4672MHz | ANALOG |
| ANALOG | 1/2 divider output | ANALOG |
| ANALOG | Column addr. strobe signal output to RAM | ANALOG |
| ANALOG | Subcode Q OPC clock flag output | ANALOG |
| ANALOG | Subcode Q OPC clock flag output | ANALOG |
| ANALOG | Inner channel output changed by | ANALOG |
| ANALOG | command modes | ANALOG |
| ANALOG | Leftlight channel clock | ANALOG |
| ANALOG | Turntable motor driving outputs | ANALOG |
| ANALOG | Dual DAC left channel serial data output | ANALOG |
| ANALOG | Dual DAC right channel serial data output | ANALOG |
| ANALOG | Data bit select (16 bit = "1") | ANALOG |
| ANALOG | Frame clock output 7.35kHz (duty = 50%) | ANALOG |
| ANALOG | DAC residual down signal output | ANALOG |
| ANALOG | Data shift clock to DAC | ANALOG |
| ANALOG | EFM frame clock output (duty = 50%) | ANALOG |
| ANALOG | Right to turntable modulation ("1") | ANALOG |
| ANALOG | Right to turntable modulation ("1") | ANALOG |
| ANALOG | Error status1 (Error detected at C1-decoder) | ANALOG |
| ANALOG | Error status2 (Error detected at C1-decoder) | ANALOG |
| ANALOG | at C2-decoder | ANALOG |
| ANALOG | Focus gain output | ANALOG |
| ANALOG | Focus servo amplifier output | ANALOG |
| ANALOG | Focus servo amplifier positive / negative input | ANALOG |
| ANALOG | Clock output 44.1kHz (f ₀) | ANALOG |
| ANALOG | Focus search detector input | ANALOG |
| ANALOG | Ground 0V | ANALOG |
| ANALOG | High frequency signal input | ANALOG |
| ANALOG | HF OK signal input | ANALOG |
| ANALOG | High frequency signal detection | ANALOG |
| ANALOG | Outputs "1" when MR = "1" and tracking servo | ANALOG |
| ANALOG | loop out | ANALOG |
| ANALOG | Sledge motor driving PWM outputs | ANALOG |
| ANALOG | Track servo driving PWM outputs | ANALOG |
| ANALOG | Turntable motor driving PWM outputs | ANALOG |
| ANALOG | Current reference | ANALOG |
| ANALOG | Outputs "1" under jump function | ANALOG |
| ANALOG | 1 track jump control signal input (usually "1") | ANALOG |
| ANALOG | Lock status / Disc rotation down signal output | ANALOG |
| ANALOG | Leftlight channel clock to DAC or APTR clock | ANALOG |
| ANALOG | COM interface shift clock input | ANALOG |
| ANALOG | COM interface data latch input | ANALOG |
| ANALOG | Mirror detected signal input | ANALOG |
| ANALOG | COM interface serial data output | ANALOG |
| ANALOG | Turntable motor driving PWM outputs | ANALOG |
| ANALOG | Addresses output 0 ~ 7 to RAM | ANALOG |
| ANALOG | Row address strobe signal output to RAM | ANALOG |
| ANALOG | Data input/output 1 ~ 4 to RAM | ANALOG |
| ANALOG | Channel output 1 ~ 4 to RAM | ANALOG |
| ANALOG | Channel output 5 ~ W channel serial | ANALOG |
| ANALOG | data output | ANALOG |

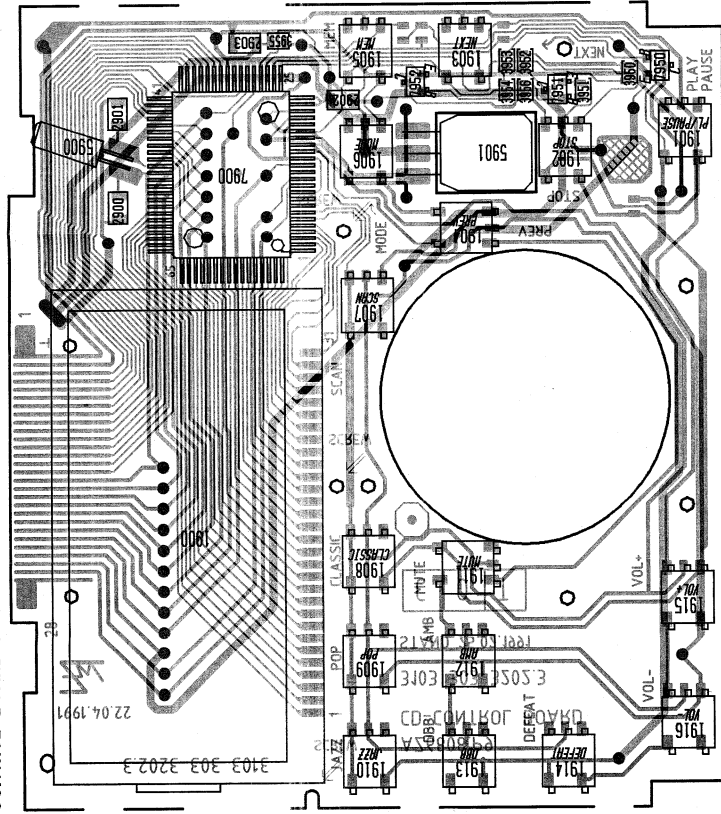
- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|--|--|---------------------|-----------------------------|-------------------------|------------------|-------------------------------|---------------------------------------|--------------------------|------------------------------|--------------------------------------|---------------------------------|----------------------------------|------------------------------|---|-------------------------|-------------------------|--------------|---------------------------------|----------------------------|---------------------|---|---------------------------|-------|
| Subcode Q channel output | Subcode R channel output | Subcode S channel output | Subcode T channel output | Subcode U channel output | Subcode V channel output | Subcode W channel output | Shift clock input for serial subcode data output | Input output of subcode Q channel output | Enable input of subcode P-S channel output | Subcode sync output | Shock detector signal input | Subcode register output | Subcode Q output | Sledge servo amplifier output | Frame lock status output (Lock = "H") | Track error signal input | Track error amplifier output | Track error amplifier negative input | Tracking band switch 1/2 output | Direct control pin of TSI switch | Track servo amplifier output | Track servo amplifier negative / positive input | Positive supply voltage | Negative supply voltage | Reference DV | Word clock to DAC or APTL clock | Write enable output to RAM | Word selected input | Crystal oscillator input with internal feedback | Crystal oscillator output | |
| SSCR | SSCR | SSCR | SSCR | SSCR | SSCR | SSCW | SSCK | SSCQ | SSCE | SSCS | SSCR | SSCR | SSCQ | SSSO | SSYLK | TEIN | TEOUT | TEOUT | TEIN / TQ2 | TLIC | TRHLD | TSIN | TSOUT | VCC | VDD | VREF | WCLK | WE | WS | XT | XTOUT |

* 1LOG. "0" ACTIVE!

1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952

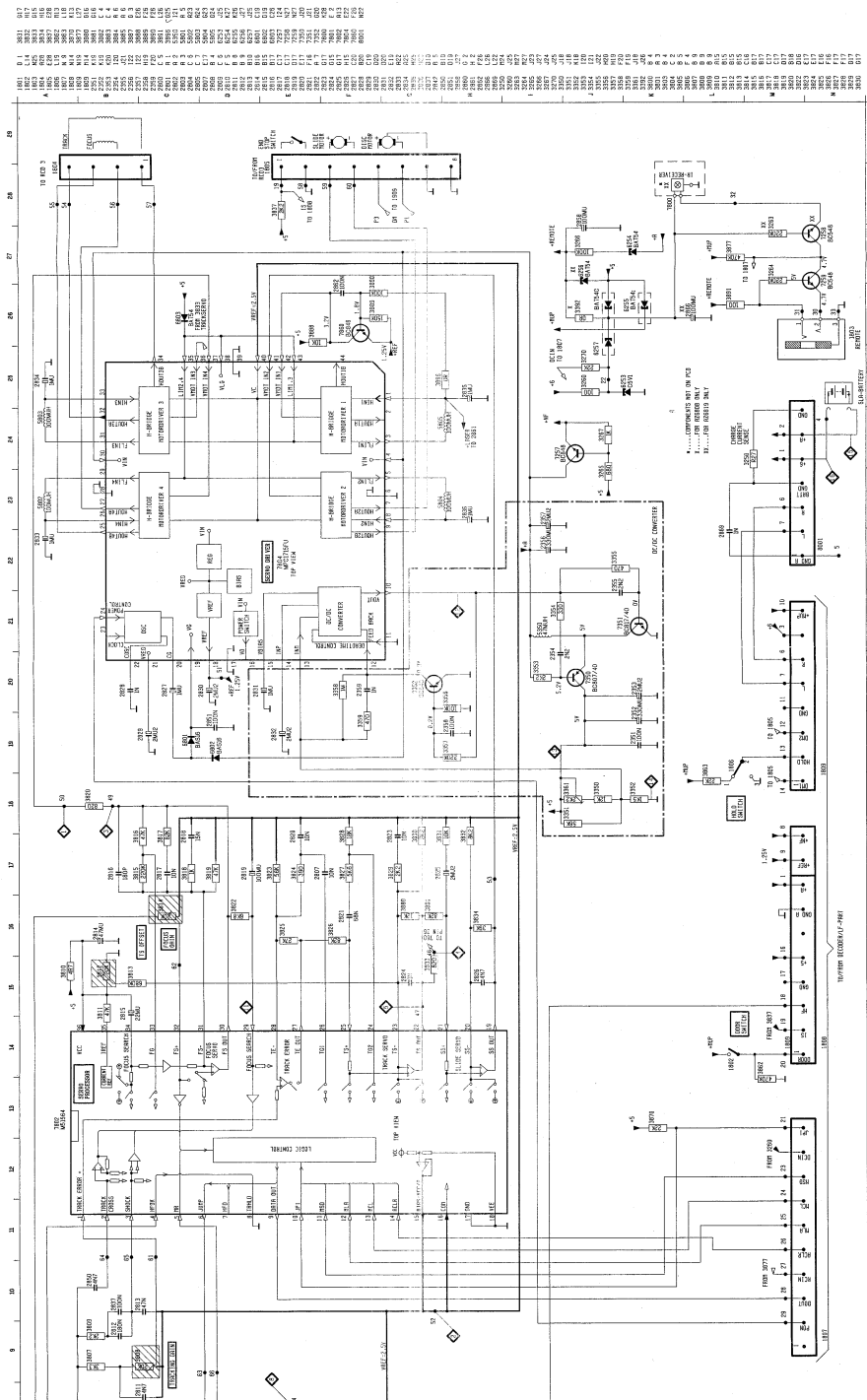
1900 B 3 1904 D 5 1908 C 3 1912 D 2 1916 E 2 1920 B 5 1924 D 5 1928 C 5 1932 B 6 1936 D 5 1940 A 5 1944 D 5 1948 C 5 1952 C 5

CONTROL BOARD / COMPONENTSIDE VIEW / AZ6808

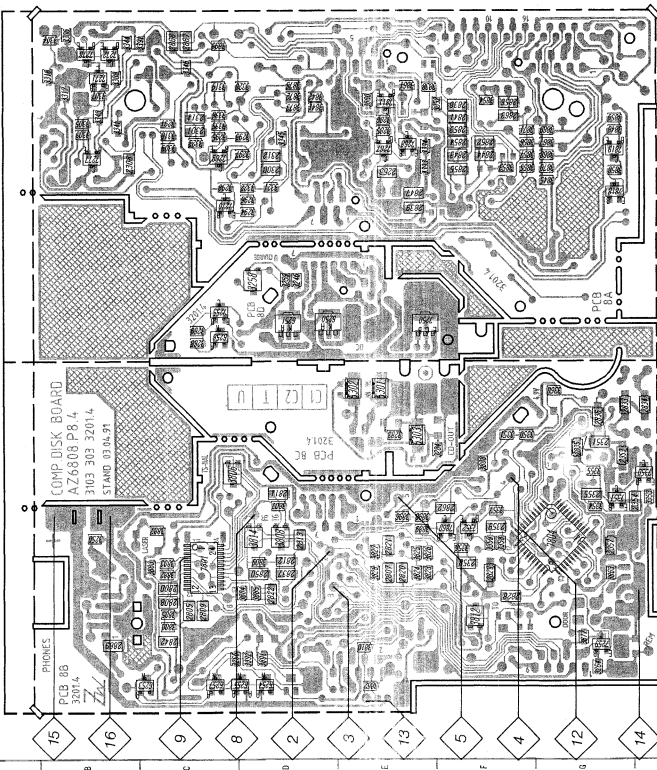


CAD-REF: PC-AZ6808.P9.D3.AZ6808.00.SERV-B / 91-07-12



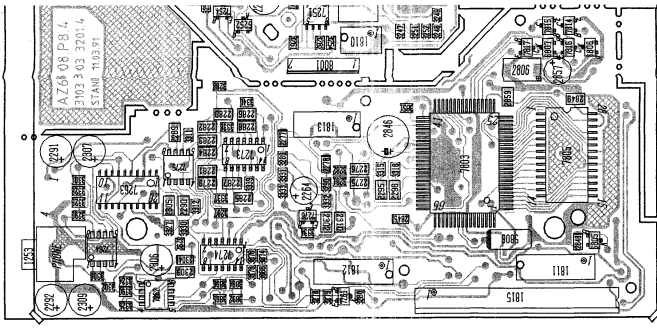


COMP.DISK BOARD / COPPERSIDE NEW / AZ6808

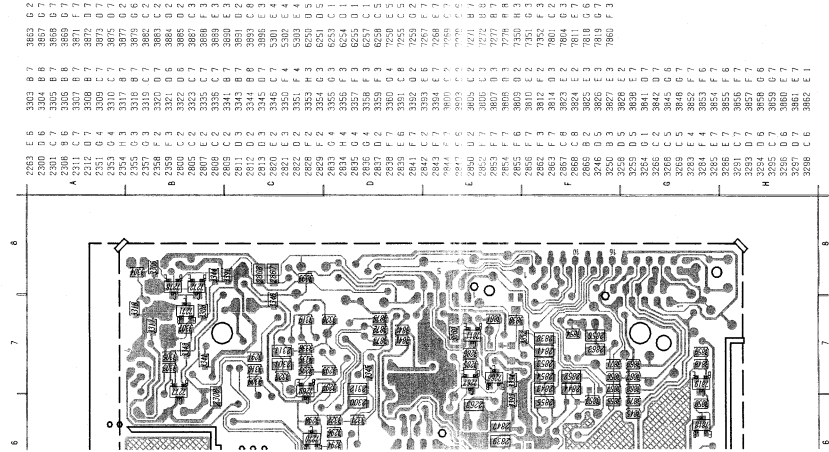


CW-REF: PC-AZ6808-PC-1A-AZ6808-00-SEP-8 / 81-07-15

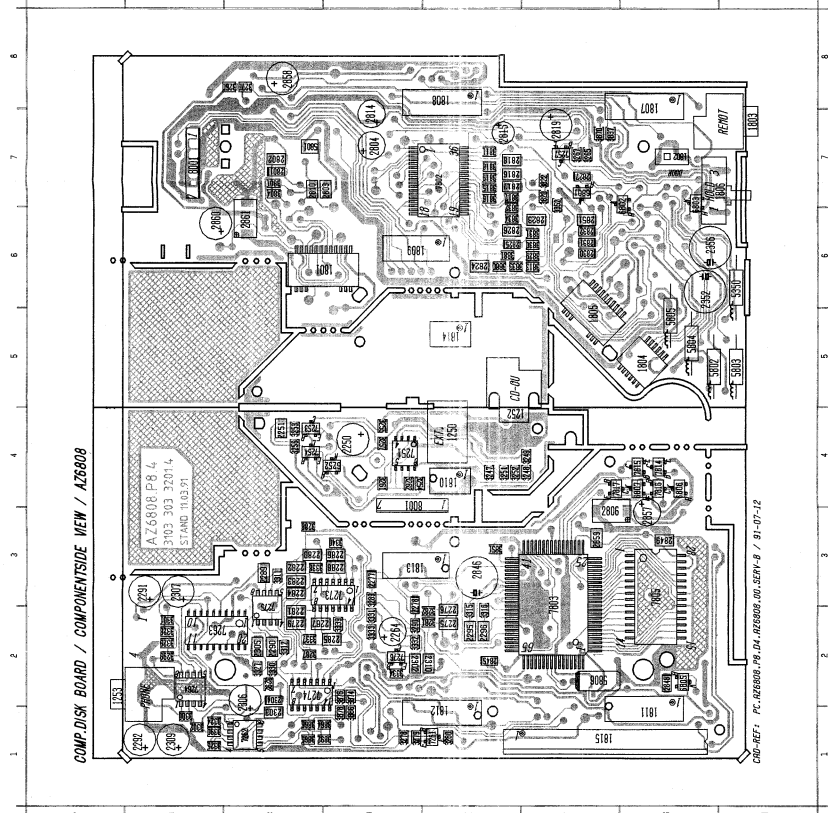
COMP.DISK BOARD / COMPONENTSIDE MET / AZ6808



CW-REF: PC-AZ6808-PC-1A-AZ6808-00-SEP-8 / 81-07-12

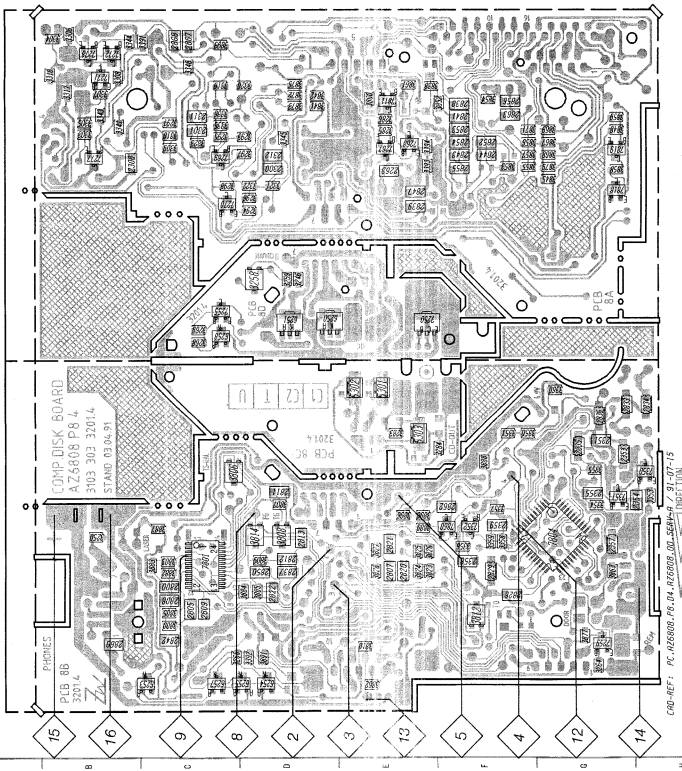


COMP. DISK BOARD / COMPONENTSIDE VIEW / AZ6808



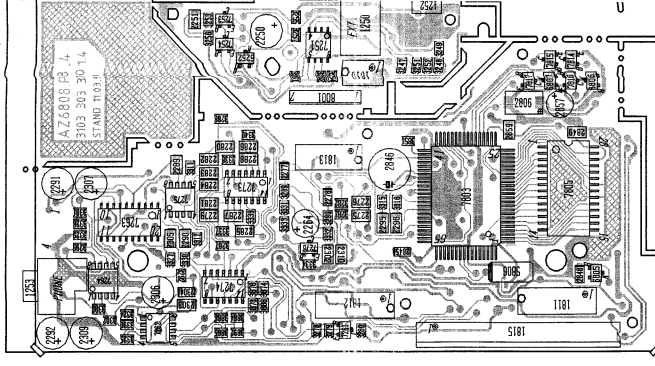
CHG-REF: PC-AZ6808-P8-DA-AZ6808-DA-SERV-B / 91-07-12

COMP DISK BOARD / COPPERSIDE NEW / AZ6808



CUO-REF: PC-AZ6808-P8-04-AZ6808-00-SEP-8 / 91-07-15

COMP DISK BOARD / COMPONENTSIDE NEW / IS6808

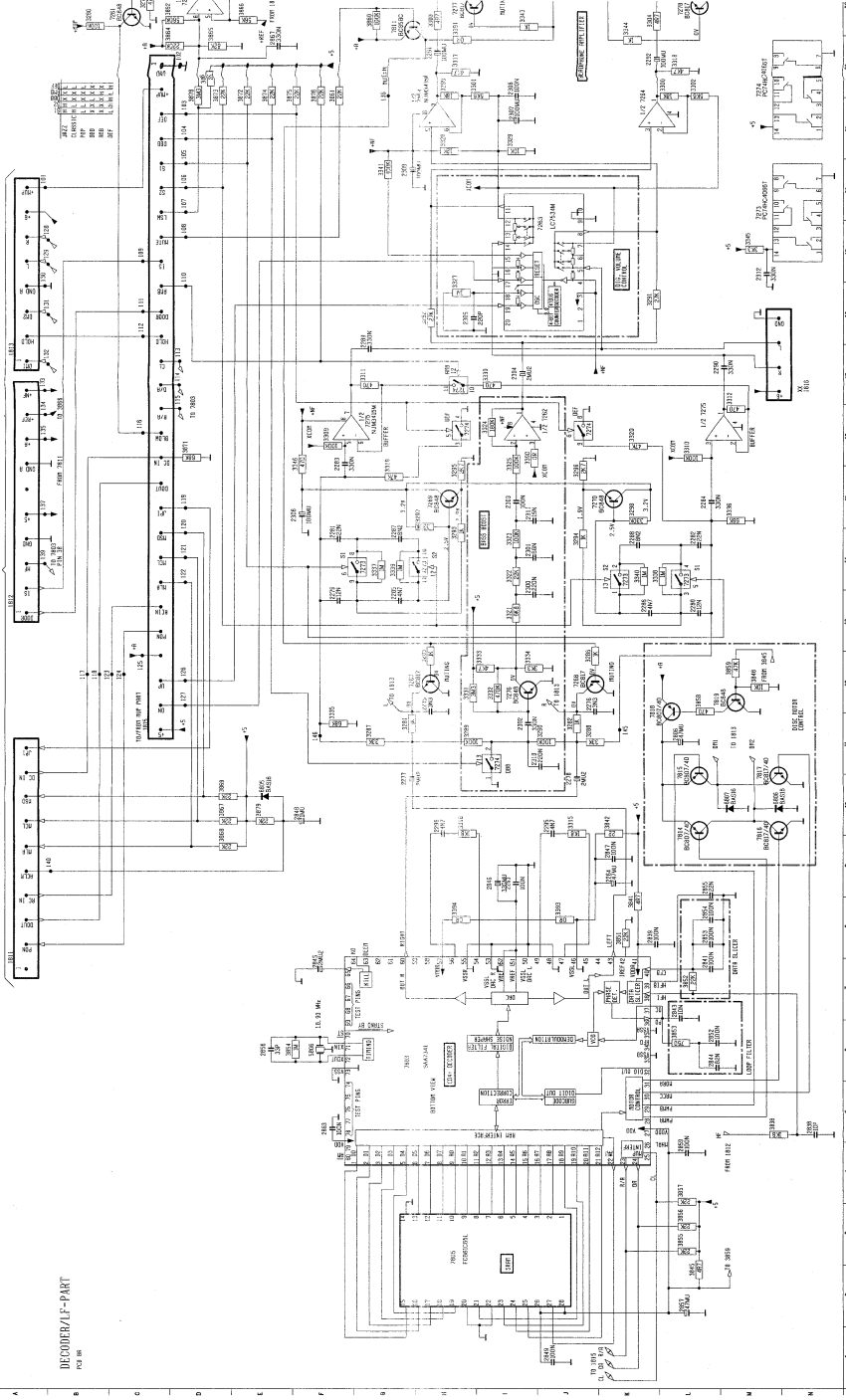


CUO-REF: PC-AZ6808-P8-04-AZ6808-00-SEP-8 / 91-07-12

	2353	E6	3103	87	3863	0	7
	2350	56	3104	88	3867	0	7
	2301	C7	3105	87	3868	0	7
A	2315	C9	3105	87	3869	0	7
	2312	07	3106	87	3872	0	7
	2351	04	3107	C7	3873	0	7
	2354	H3	3117	B7	3877	0	2
	2355	03	3118	B7	3878	0	6
	2357	03	3119	C7	3880	C2	2
B	2359	F3	3127	06	3884	0	2
	2360	C2	3128	C7	3885	F3	3
	2361	C2	3129	C7	3886	F3	3
	2362	C2	3130	C7	3887	F3	3
	2363	C2	3131	C7	3888	F3	3
	2364	C2	3132	C7	3889	F3	3
	2365	C2	3133	C7	3890	F3	3
	2366	C2	3134	C7	3891	F3	3
	2367	C2	3135	C7	3892	F3	3
	2368	C2	3136	C7	3893	F3	3
	2369	C2	3137	C7	3894	F3	3
	2370	C2	3138	C7	3895	F3	3
	2371	C2	3139	C7	3896	F3	3
	2372	C2	3140	C7	3897	F3	3
	2373	C2	3141	C7	3898	F3	3
	2374	C2	3142	C7	3899	F3	3
	2375	C2	3143	C7	3900	F3	3
	2376	C2	3144	C7	3901	F3	3
	2377	C2	3145	C7	3902	F3	3
	2378	C2	3146	C7	3903	F3	3
	2379	C2	3147	C7	3904	F3	3
	2380	C2	3148	C7	3905	F3	3
	2381	C2	3149	C7	3906	F3	3
	2382	C2	3150	C7	3907	F3	3
	2383	C2	3151	C7	3908	F3	3
	2384	C2	3152	C7	3909	F3	3
	2385	C2	3153	C7	3910	F3	3
	2386	C2	3154	C7	3911	F3	3
	2387	C2	3155	C7	3912	F3	3
	2388	C2	3156	C7	3913	F3	3
	2389	C2	3157	C7	3914	F3	3
	2390	C2	3158	C7	3915	F3	3
	2391	C2	3159	C7	3916	F3	3
	2392	C2	3160	C7	3917	F3	3
	2393	C2	3161	C7	3918	F3	3
	2394	C2	3162	C7	3919	F3	3
	2395	C2	3163	C7	3920	F3	3
	2396	C2	3164	C7	3921	F3	3
	2397	C2	3165	C7	3922	F3	3
	2398	C2	3166	C7	3923	F3	3
	2399	C2	3167	C7	3924	F3	3
	2400	C2	3168	C7	3925	F3	3
	2401	C2	3169	C7	3926	F3	3
	2402	C2	3170	C7	3927	F3	3
	2403	C2	3171	C7	3928	F3	3
	2404	C2	3172	C7	3929	F3	3
	2405	C2	3173	C7	3930	F3	3
	2406	C2	3174	C7	3931	F3	3
	2407	C2	3175	C7	3932	F3	3
	2408	C2	3176	C7	3933	F3	3
	2409	C2	3177	C7	3934	F3	3
	2410	C2	3178	C7	3935	F3	3
	2411	C2	3179	C7	3936	F3	3
	2412	C2	3180	C7	3937	F3	3
	2413	C2	3181	C7	3938	F3	3
	2414	C2	3182	C7	3939	F3	3
	2415	C2	3183	C7	3940	F3	3
	2416	C2	3184	C7	3941	F3	3
	2417	C2	3185	C7	3942	F3	3
	2418	C2	3186	C7	3943	F3	3
	2419	C2	3187	C7	3944	F3	3
	2420	C2	3188	C7	3945	F3	3
	2421	C2	3189	C7	3946	F3	3
	2422	C2	3190	C7	3947	F3	3
	2423	C2	3191	C7	3948	F3	3
	2424	C2	3192	C7	3949	F3	3
	2425	C2	3193	C7	3950	F3	3
	2426	C2	3194	C7	3951	F3	3
	2427	C2	3195	C7	3952	F3	3
	2428	C2	3196	C7	3953	F3	3
	2429	C2	3197	C7	3954	F3	3
	2430	C2	3198	C7	3955	F3	3
	2431	C2	3199	C7	3956	F3	3
	2432	C2	3200	C7	3957	F3	3
	2433	C2	3201	C7	3958	F3	3
	2434	C2	3202	C7	3959	F3	3
	2435	C2	3203	C7	3960	F3	3
	2436	C2	3204	C7	3961	F3	3
	2437	C2	3205	C7	3962	F3	3
	2438	C2	3206	C7	3963	F3	3
	2439	C2	3207	C7	3964	F3	3
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	2441	C2	3209	C7	3966	F3	3
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	2444	C2	3212	C7	3969	F3	3
	2445	C2	3213	C7	3970	F3	3
	2446	C2	3214	C7	3971	F3	3
	2447	C2	3215	C7	3972	F3	3
	2448	C2	3216	C7	3973	F3	3
	2449	C2	3217	C7	3974	F3	3
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	2458	C2	3226	C7	3983	F3	3
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	2461	C2	3229	C7	3986	F3	3
	2462	C2	3230	C7	3987	F3	3
	2463	C2	3231	C7	3988	F3	3
	2464	C2	3232	C7	3989	F3	3
	2465	C2	3233	C7	3990	F3	3
	2466	C2	3234	C7	3991	F3	3
	2467	C2	3235	C7	3992	F3	3
	2468	C2	3236	C7	3993	F3	3
	2469	C2	3237	C7	3994	F3	3
	2470	C2	3238	C7	3995	F3	3
	2471	C2	3239	C7	3996	F3	3
	2472	C2	3240	C7	3997	F3	3
	2473	C2	3241	C7	3998	F3	3
	2474	C2	3242	C7	3999	F3	3
	2475	C2	3243	C7	4000	F3	3

DECODEV/I-PART

PC2 88



MECHANICAL PARTS

402	4822 600 70298	POUCH
401	4822 444 07046	RELIEF ASSY
402	12NC follows 1	COLD ASSY
403	12NC follows 1	WINDOW
		BUTTON SET PRINTED
404	12NC follows 1	
406	4822 410 01286	DISC HOLD DOWN ASSY
407	4822 492 70995	BUTTON, PUSH
408	4822 444 07058	SPRING
409	4822 411 01605	CABINET
		ANCH, SLIDE
411	12NC follows 1	
412	4822 482 52254	FLEXPRINT
413	4822 482 52254	SPRING, COMPRESS
414	4822 482 52253	SPRING, COMPRESS
416	12NC follows 1	BEARING-STAND
417	12NC follows 1	
418	4822 502 13768	LEVER (DOOR)
419	4822 522 33078	DAMPER
421	4822 444 00682	ROD
422	4822 444 00747	BOTTOM ASSY
423	4822 482 41819	BATTERY LID ASSY
424	4822 482 41819	RUBBER FOOT
506	4822 402 01382	LEVER (ELECT)
508	4822 482 70906	SPRING, CONTACT
507	4822 464 00848	FRAME
		SCREW 1.4x2.2
	4822 502 13768	SCREW 1.4x6
	4822 502 00675	SCREW TORX 2X12 PL
	4822 502 13768	SCREW (MT-4X4)



-418

-419

-421

-422

(4x)

MISCELLANEOUS	
4822 272 10291	SEC6060/00 AC/DC-AD.
4822 272 10291	SEC6060/00 AC/DC-AD.
1250	4822 267 31154 SOCIETY, EXT. SUPPLY
1252	4822 267 31147 SOCIETY, CD OUT
1814	5322 265 30736 SOCKET & POL.
DIODES	
6250	4822 130 02588 SB1C-05PCP
6251	4822 130 02588 SB1C-05PCP
6252	4822 130 02588 SB1C-05PCP
6253	4822 130 02588 SB1C-05PCP
6254	4822 130 02588 SB1C-05PCP
6255	4822 130 02588 SB1C-05PCP
6256	4822 130 02588 SB1C-05PCP
6257	4822 130 02588 SB1C-05PCP
TRANSISTORS	
7250	4822 130 01919 BCX69-25
7251	4822 130 01907 BC848
7252	4822 130 01907 BC848
7253	4822 130 01907 BC848
7254	4822 130 01907 BC848
7255	4822 130 01907 BC848
7256	4822 130 01907 BC848
7257	4822 130 01907 BC848
7258	4822 130 01907 BC848
7259	4822 130 01907 BC848
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7261	4822 130 01907 BC848
7262	4822 130 01907 BC848
7263	4822 130 01907 BC848
7264	4822 130 01907 BC848
7265	4822 130 01907 BC848
7266	4822 130 01907 BC848
7267	4822 130 01907 BC848
7268	4822 130 01907 BC848
7269	4822 130 01907 BC848
7270	4822 130 01907 BC848
7271	4822 130 01907 BC848
7272	4822 130 01907 BC848
7273	4822 130 01907 BC848
7274	4822 130 01907 BC848
INTEGRATED CIRCUITS	
7251	4822 209 73157 NM4415M
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7272	4822 209 73157 NM4415M
7273	4822 209 73157 NM4415M
7274	4822 209 73157 NM4415M
COILS	
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5446	4822 157 62216 COIL 100uH
5447	4822 157 62216 COIL 100uH
5448	4822 157 62216 COIL 100uH
5449	4822 157 62216 COIL 100uH
5450	4822 157 62216 COIL 100uH
5451	4822 157 62216 COIL 100uH
5452	4822 157 62216 COIL 100uH
5453	4822 157 62216 COIL 100uH
5454	4822 157 62216 COIL 100uH
5455	4822 157 62216 COIL 100uH
5456	4822 157 62216 COIL 100uH
5457	4822 157 62216 COIL 100uH
5458	4822 157 62216 COIL 100uH
5459	4822 157 62216 COIL 100uH
5460	4822 157 62216 COIL 100uH
5461	4822 157 62216 COIL 100uH
5462	4822 157 62216 COIL 100uH
5463	4822 157 62216 COIL 100uH
5464	4822 157 62216 COIL 100uH
5465	4822 157 62216 COIL 100uH
5466	4822 157 62216 COIL 100uH
5467	4822 157 62216 COIL 100uH
5468	4822 157 62216 COIL 100uH
5469	4822 157 62216 COIL 100uH
5470	4822 157 62216 COIL 100uH
5471	4822 157 62216 COIL 100uH
5472	4822 157 62216 COIL 100uH
5473	4822 157 62216 COIL 100uH
5474	4822 157 62216 COIL 100uH
5475	4822 157 62216 COIL 100uH
5476	4822 157 62216 COIL 100uH
5477	4822 157 62216 COIL 100uH
5478	4822 157 62216 COIL 100uH
5479	4822 157 62216 COIL 100uH
5480	4822 157 62216 COIL 100uH
5481	4822 157 62216 COIL 100uH
5482	4822 157 62216 COIL 100uH
5483	4822 157 62216 COIL 100uH
5484	4822 157 62216 COIL 100uH
5485	4822 157 62216 COIL 100uH
5486	4822 157 62216 COIL 100uH
5487	4822 157 62216 COIL 100uH
5488	4822 157 62216 COIL 100uH
5489	4822 157 62216 COIL 100uH
5490	4822 157 62216 COIL 100uH
5491	4822 157 62216 COIL 100uH
5492	4822 157 62216 COIL 100uH
5493	4822 157 62216 COIL 100uH
5494	4822 157 62216 COIL 100uH
5495	4822 157 62216 COIL 100uH
5496	4822 157 62216 COIL 100uH
5497	4822 157 62216 COIL 10

CHIP RESISTORS

3290	4822 051 20104	100k	5%	0.1W	3344	4822 051 10102	1k	2%	0.25W
3291	4822 051 10102	1k	2%	0.25W	3345	4822 051 20132	3k3	5%	0.1W
3292	4822 051 10102	1k	2%	0.25W	3346	4822 051 20471	470R	5%	0.1W
3293	4822 051 20104	100k	5%	0.1W	3350	4822 051 20823	82k	5%	0.1W
3294	4822 051 20104	100k	5%	0.1W	3351	4822 116 83226	12k	2%	0.1W
3295	4822 051 10102	1k	2%	0.25W	3352	4822 116 83225	145	2%	0.1W
3296	4822 051 10102	1k	2%	0.25W	3353	4822 051 20222	2k2	5%	0.1W
3297	4822 051 20133	33k	5%	0.1W	3354	4822 051 20311	330R	5%	0.1W
3298	4822 051 20333	33k	5%	0.1W	3355	4822 051 20471	470R	5%	0.1W
3299	4822 051 20104	100k	5%	0.1W	3356	4822 051 20104	100k	5%	0.1W
3290	4822 051 20104	100k	5%	0.1W	3357	4822 051 20224	220k	5%	0.1W
3291	4822 051 20273	27k	5%	0.1W	3358	4822 051 20135	1k3	5%	0.1W
3292	4822 051 20273	27k	5%	0.1W	3359	4822 051 20471	470R	5%	0.1W
3293	4822 051 10102	1k	2%	0.25W	3360	4822 051 20008	CHIP JUMPER		
3294	4822 051 10102	1k	2%	0.25W	3390	4822 051 20008	CHIP JUMPER		
3295	4822 051 20272	2k7	5%	0.1W	3391	4822 051 20008	CHIP JUMPER		
3296	4822 051 20272	2k7	5%	0.1W	3392	4822 051 20008	CHIP JUMPER		
3297	4822 051 20334	330k	5%	0.1W	3393	4822 051 20008	CHIP JUMPER		
3298	4822 051 20334	330k	5%	0.1W	3394	4822 051 20008	CHIP JUMPER		
3299	4822 051 20183	18k	5%	0.1W	3800	4822 051 20223	22k	5%	0.1W
3300	4822 051 20183	18k	5%	0.1W	3801	4822 051 10102	1k	2%	0.25W
3301	4822 051 20562	56k	5%	0.1W	3803	4822 051 20153	15k	5%	0.1W
3302	4822 051 20562	56k	5%	0.1W	3804	4822 051 20154	150k	5%	0.1W
3303	4822 051 20478	4k7	5%	0.1W	3805	4822 051 20472	4k7	5%	0.1W
3304	4822 051 20478	4k7	5%	0.1W	3806	4822 100 11733	20k TRIM POT SMD		
3305	4822 051 20478	4k7	5%	0.1W	3807	4822 051 20312	3k3	5%	0.1W
3306	4822 051 20478	4k7	5%	0.1W	3808	4822 100 11733	20k TRIM POT SMD		
3307	4822 051 20478	4k7	5%	0.1W	3809	4822 051 20222	2k2	5%	0.1W
3308	4822 051 10102	1k	2%	0.25W	3810	4822 051 20478	4k7	5%	0.1W
3309	4822 051 20104	100k	5%	0.1W	3811	4822 051 20473	47k	5%	0.1W
3310	4822 051 20104	100k	5%	0.1W	3812	4822 100 11733	20k TRIM POT SMD		
3311	4822 051 20471	470R	5%	0.1W	3813	4822 051 20684	680k	5%	0.1W
3312	4822 051 20471	470R	5%	0.1W	3814	4822 100 11733	20k TRIM POT SMD		
3313	4822 051 20182	18k	5%	0.1W	3815	4822 051 20224	220k	5%	0.1W
3316	4822 051 20182	18k	5%	0.1W	3816	4822 051 20473	47k	5%	0.1W
3317	4822 051 20472	4k7	5%	0.1W	3817	4822 051 20823	82k	5%	0.1W
3318	4822 051 20472	4k7	5%	0.1W	3818	4822 051 20471	470R	5%	0.1W
3319	4822 051 20473	47k	5%	0.1W	3819	4822 051 20333	33k	5%	0.1W
3320	4822 051 20473	47k	5%	0.1W	3820	4822 051 20821	820R	5%	0.1W
3321	4822 051 20682	68k	5%	0.1W	3822	4822 051 20682	68k	5%	0.1W
3322	4822 051 20223	22k	5%	0.1W	3823	4822 051 20563	56k	5%	0.1W
3323	4822 051 20104	100k	5%	0.1W	3824	4822 051 20391	390R	5%	0.1W
3324	4822 051 20184	180k	5%	0.1W	3825	4822 051 20273	27k	5%	0.1W
3325	4822 051 20104	100k	5%	0.1W	3826	4822 051 20823	82k	5%	0.1W
3327	4822 051 20135	14k3	5%	0.1W	3827	4822 051 20562	56k	5%	0.1W
3328	4822 051 20123	12k	2%	0.1W	3828	4822 051 20183	18k	5%	0.1W
3329	4822 051 20103	10k	5%	0.1W	3829	4822 051 20222	2k2	5%	0.1W
3330	4822 051 20471	470R	5%	0.1W	3830	4822 051 20222	2k2	5%	0.1W
3331	4822 051 20335	3k3	5%	0.1W	3831	4822 051 20103	10k	5%	0.1W
3332	4822 051 20474	470k	5%	0.1W	3832	4822 051 20822	8k2	5%	0.1W
3333	4822 051 20472	4k7	5%	0.1W	3833	4822 051 20821	820R	5%	0.1W
3334	4822 051 20332	3k3	5%	0.1W	3834	4822 051 20391	390R	5%	0.1W
3335	4822 051 20683	68k	5%	0.1W	3837	4822 051 20222	2k2	5%	0.1W
3336	4822 051 20683	68k	5%	0.1W	3838	4822 051 20103	10k	5%	0.1W
3337	4822 051 20135	14k3	5%	0.1W	3841	4822 051 20182	1k8	5%	0.1W
3338	4822 051 20135	14k3	5%	0.1W	3842	4822 051 20478	4k7	5%	0.1W
3339	4822 051 20135	14k3	5%	0.1W	3845	4822 051 20229	22k	5%	0.1W
3340	4822 051 20135	14k3	5%	0.1W	3848	4822 051 20103	10k	5%	0.1W
3341	4822 051 20104	100k	5%	0.1W	3851	4822 051 20223	22k	5%	0.1W
3343	4822 051 10102	1k	2%	0.25W	3852	4822 051 20223	22k	5%	0.1W

CHIP RESISTORS									
3853	4822 051 20751	750R	5%	0.1W	3874	4822 051 20223	22k	5%	0.1W
3854	4822 051 20135	1M	5%	0.1W	3875	4822 051 20223	22k	5%	0.1W
3855	4822 051 20223	22k	5%	0.1W	3876	4822 051 20223	22k	5%	0.1W
3856	4822 051 20223	22k	5%	0.1W	3877	4822 051 20474	470k	5%	0.1W
3857	4822 051 20223	22k	5%	0.1W	3878	4822 051 20335	3M	5%	0.1W
3858	4822 051 20471	470R	5%	0.1W	3879	4822 051 20223	22k	5%	0.1W
3859	4822 051 20473	47k	5%	0.1W	3880	4822 051 20123	12k	5%	0.1W
3860	4822 051 20104	100k	5%	0.1W	3881	4822 051 20823	82k	5%	0.1W
3861	4822 051 20223	22k	5%	0.1W	3882	4822 051 20153	15k	5%	0.1W
3862	4822 051 20474	470k	5%	0.1W	3883	4822 051 20153	15k	5%	0.1W
3863	4822 051 20223	22k	5%	0.1W	3884	4822 051 20103	10k	5%	0.1W
3864	4822 116 83323	220k	2%		3885	4822 051 20334	330k	5%	0.1W
3865	4822 116 83322	120k	2%		3886	4822 051 20223	22k	5%	0.1W
3866	4822 051 20563	56k	5%	0.1W	3887	4822 051 20332	3k	5%	0.1W
3867	4822 051 20223	22k	5%	0.1W	3888	4822 051 20103	10k	5%	0.1W
3868	4822 051 20223	22k	5%	0.1W	3889	4822 051 20154	150k	5%	0.1W
3869	4822 051 20223	22k	5%	0.1W	3890	4822 051 20104	100k	5%	0.1W
3870	4822 051 20223	22k	5%	0.1W	3891	4822 051 20101	100R	5%	0.1W
3871	4822 051 20683	68k	5%	0.1W	3892	4822 051 20564	560k	5%	0.1W
3872	4822 051 20223	22k	5%	0.1W	3893	4822 051 20475	4k7	5%	0.1W
3873	4822 051 20223	22k	5%	0.1W	3896	4822 051 20008	CHIP JUMPER		
CAPACITORS									
2250	4822 124 42241	100pF	20%	6.3V	2356	4822 124 42242	330pF	20%	6.3V
2264	4822 124 42256	47pF	10%	6.3V	2359	4822 122 31746	1nF	5%	50V
2275	5322 122 31446	3.3pF	10%	6.3V	2803	4822 122 33064	330nF	20%	25V
2276	5322 122 31145	1.2pF	10%	6.3V	2804	4822 124 42246	4.7pF	5%	6.3V
2280	4822 124 33064	330pF	20%	6.3V	2805	4822 124 42247	47pF	5%	6.3V
2284	4822 122 31064	330pF	20%	25V	2814	4822 124 42256	47pF	5%	6.3V
2289	4822 122 31065	330pF	20%	25V	2815	4822 124 42256	47pF	5%	6.3V
2290	4822 122 33064	330pF	20%	25V	2819	4822 124 42241	100pF	20%	6.3V
2291	4822 124 42241	100pF	20%	6.3V	2828	4822 122 31746	1nF	5%	50V
2292	4822 124 42241	100pF	20%	6.3V	2846	4822 124 42242	330pF	20%	6.3V
2302	4822 122 33064	330pF	20%	25V	2856	4822 122 32444	33pF	5%	50V
2306	4822 124 42241	100pF	20%	6.3V	2857	4822 124 42256	47pF	5%	6.3V
2307	4822 124 42241	100pF	20%	6.3V	2858	4822 124 42241	100pF	20%	6.3V
2309	4822 124 42241	100pF	20%	6.3V	2860	4822 124 42241	100pF	20%	6.3V
2312	4822 122 33064	330pF	20%	25V	2867	4822 122 33064	330pF	20%	25V
2352	4822 124 42242	330pF	20%	6.3V	2868	4822 122 33064	330pF	20%	25V
CHIP CAPACITORS									
2351	4822 122 31765	100pF	5%	50V	2305	4822 122 31965	220pF	5%	63V
2363	4822 122 33456	100pF	10%	63V	2308	4822 122 33456	100pF	10%	63V
2377	4822 124 10965	2.2pF	20%	6.3V	2310	4822 122 32927	220pF	10%	63V
2378	4822 124 10965	2.2pF	20%	6.3V	2311	4822 122 31762	150pF	10%	50V
2379	5322 122 31648	12pF	10%	50V	2331	4822 122 33456	100pF	10%	63V
2380	5322 122 31648	12pF	10%	50V	2353	4822 124 10965	2.2pF	20%	6.3V
2381	4822 122 31797	22pF	10%	63V	2354	4822 122 31644	2.2pF	10%	63V
2382	4822 122 31797	22pF	10%	63V	2355	4822 122 31644	2.2pF	10%	63V
2386	4822 122 31784	4.7nF	10%	50V	2357	4822 124 10965	2.2pF	20%	6.3V
2386	4822 122 31784	4.7nF	10%	50V	2358	4822 122 33456	100pF	10%	63V
2387	4822 122 32856	8.2nF	10%	63V	2800	4822 122 31769	18pF	5%	50V
2388	4822 122 32856	8.2nF	10%	63V	2801	4822 124 10965	2.2pF	20%	6.3V
2395	4822 122 31784	4.7nF	10%	50V	2802	4822 122 31797	22nF	10%	63V
2396	4822 122 31784	4.7nF	10%	50V	2805	4822 122 33456	100pF	10%	63V
2300	4822 122 32927	220pF	10%	63V	2807	4822 122 32442	10nF	10%	50V
2301	4822 122 32891	68nF	10%	63V	2808	4822 122 31916	5.6nF	10%	63V
2303	4822 122 33456	100pF	10%	63V	2809	4822 122 32891	68nF	10%	63V
2304	4822 124 10965	2.2pF	20%	6.3V	2810	4822 122 32142	270pF	5%	63V

CHIP CAPACITORS									
2811	4822 122 31784	4.7nF	10%	50V	2837	4822 122 33496	100nF	10%	63V
2812	4822 126 11499	180nF	20%	50V	2838	4822 122 31971	10nF	10%	50V
2813	4822 122 32542	4.7nF	10%	63V	2839	4822 122 33496	100nF	10%	63V
2816	4822 122 31768	180nF	5%	50V	2841	4822 122 33496	100nF	10%	63V
2817	4822 122 33442	10nF	10%	50V	2842	4822 122 31644	2.2nF	10%	63V
2818	4822 122 32597	6.8nF	10%	63V	2843	4822 122 32442	10nF	10%	50V
2820	4822 122 32442	10nF	10%	50V	2844	5322 122 32838	82nF	10%	63V
2821	4822 122 32891	68nF	10%	63V	2845	4822 124 10955	2.2nF	20%	6.3V
2822	4822 122 33496	100nF	10%	63V	2847	4822 122 33496	100nF	10%	63V
2823	4822 122 32442	10nF	10%	50V	2848	5322 124 10798	1nF	20%	16V
2824	5322 122 31647	1nF	10%	63V	2849	4822 122 33496	100nF	10%	63V
2825	4822 124 10955	2.2nF	20%	6.3V	2850	4822 122 31784	4.7nF	10%	50V
2826	4822 122 31784	4.7nF	10%	50V	2851	4822 122 33496	100nF	10%	63V
2827	5322 124 10798	1nF	20%	16V	2852	4822 122 33496	100nF	10%	63V
2829	4822 124 10955	2.2nF	20%	6.3V	2853	4822 122 33496	100nF	10%	63V
2830	4822 124 10955	2.2nF	20%	6.3V	2854	4822 122 33496	100nF	10%	63V
2831	5322 124 10798	1nF	20%	16V	2855	4822 122 31797	22nF	10%	63V
2832	4822 124 10955	2.2nF	20%	6.3V	2859	4822 122 33496	100nF	10%	63V
2833	5322 124 10798	1nF	20%	16V	2861	4822 124 41897	100nF	20%	4V
2834	5322 124 10798	1nF	20%	16V	2862	4822 122 33496	100nF	10%	63V
2835	5322 124 10798	1nF	20%	16V	2863	4822 122 33496	100nF	10%	63V
2836	5322 124 10798	1nF	20%	16V	2869	5322 122 31647	1nF	10%	63V